

ABSTRACT OF THE DISCLOSURE

An information processing apparatus is disclosed which can discriminate, even when the orders of output data of a plurality of CPU modules differ from each other, whether or not the operations of the CPU modules coincide with each other. 5 The information processing apparatus includes two first and second CPU modules which perform the same process in synchronism with each other and an I/O module connected to the CPU modules. The I/O module receives output data of the two CPU modules and compares a plurality of output data of the first CPU module 10 and a plurality of output data of the second CPU module with each other with the output data adjusted in order so as to correspond to each other to discriminate whether or not the output data coincide with each other.